

Product datasheet for **RC217538L4V**

IFRD1 (NM_001550) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	IFRD1 (NM_001550) Human Tagged ORF Clone Lentiviral Particle
Symbol:	IFRD1
Synonyms:	PC4; TIS7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001550
ORF Size:	1353 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217538).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001550.2
RefSeq Size:	3305 bp
RefSeq ORF:	1356 bp
Locus ID:	3475
UniProt ID:	O00458
Cytogenetics:	7q31.1
Domains:	IFRD_C, IFRD
MW:	50.3 kDa



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Gene Summary:

This gene is an immediate early gene that encodes a protein related to interferon-gamma. This protein may function as a transcriptional co-activator/repressor that controls the growth and differentiation of specific cell types during embryonic development and tissue regeneration. Mutations in this gene are associated with sensory/motor neuropathy with ataxia. This gene may also be involved in modulating the pathogenesis of cystic fibrosis lung disease. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2010]